



Provider Graphical User Interface (PGUI)



CIO VTC
28 Apr 04

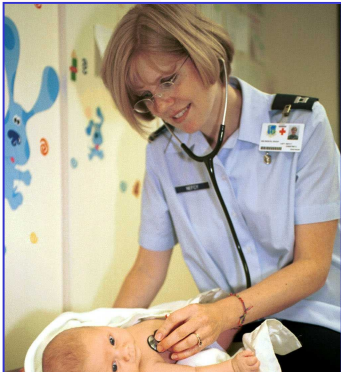


Status of PGUI Today



- Current deployment facilities
 - NH Pensacola (select clinics)
 - NNMC Bethesda (select clinics)
 - AF actively deploying to multiple sites
 - DiLorenzo Tri-care Health Clinic (Pentagon)
- Navy deployment plans
 - NH Lemoore
 - NMCL Quantico
 - NH Jacksonville
 - NH Beaufort

- Problem list
- Order sets
- Vitals
- Screening services
- Forms
- Medication list
- Radiology lists
- Patient health history with encounter coding
- Universal retrieval of electronic medical records
- Graphical user interface for encounter documentation
- Alerts & reminders





Provider GUI as a Clinical Documentation Tool



- Functionality supports clinical operations
 - Documents provider order entry as a component of order entry process
 - Supports results retrieval via direct interface with CHCS
 - Provides limited appointing capability (e.g., unscheduled visits, telephone consults)
 - Permanently saves and retrieves the electronic encounter note (SF 600)

Date: 05 Sep 2003 1436 EDT

Status: Updating

MTF: 4TH MEDICAL GROUP

Primary Provider: TEN,DOCTOR

Type: ACUT\$

Clinic: PUBLIC HEALTH

AutoCite...

AutoCites Refreshed by TEN,DOCTOR @ 05 Sep 2003 1552 EDT**Problems**

- MIGRAINE, UNSPECIFIED, WITHOUT INTRACTABLE MIGRAINE
- TENSION HEADACHE

Allergies

No Allergies Found.

Active Medications

Active Medications	Status	Sig	Refills Left	Last Filled
MIDRIN (OR SUBST)--PO CAP	Active	T 2 CAPS NOW THEN T 1 CAP Q H UNTIL HA RELIEVED*MAX OF 5 IN 12 OR 8 IN 24 H #30 Rf0	NR	Not Recorded

Expired Medications

No Expired Medications Found.

S/O

Note Written by TEN,DOCTOR @ 05 Sep 2003 1437 EDT

Pt complaining of headache x3 days, in back of head and neck. Accompanied by nausea, no vomiting.

Hx of migraine and tension HA. No smoking.

PE: Head muscles tight; decrease in neck suppleness.

A/P

A/P Written by TEN,DOCTOR @ 05 Sep 2003 1441 EDT**1. MIGRAINE HEADACHE**

Medication(s):

-MIDRIN (OR SUBST)--PO CAP - T 2 CAPS NOW THEN T 1 CAP Q H UNTIL HA RELIEVED*MAX OF 5 IN 12 OR 8 IN 24 H #30 Rf0 Qt: 30 Rf: 0

2. TENSION-TYPE HEADACHE

Disposition

Disposition Written by TEN,DOCTOR @ 05 Sep 2003 1441 EDT**Released w/o Limitations****Follow up:** 1 month(s) or sooner if there are problems.**Discussed:** Diagnosis, Medication(s)/Treatment(s), Alternatives, Potential Side Effects with Patient who indicated understanding.**Injury & Illness:** Not Work Related

Appointment Class: Outpatient

Notes

Note Written by TEN,DOCTOR @ 05 Sep 2003 1511 EDT

Pt. called to state that she will pick up meds on Monday.

CHANGE HISTORY**The following Signature(s) No Longer Applies because this Encounter Was Opened for Amendment by TEN,DOCTOR @ 05 Sep 2003 1552 EDT:**

Signed TEN,DOCTOR (test, change) @ 05 Sep 2003 1454

The following AutoCites Was Overwritten by TEN,DOCTOR @ 05 Sep 2003 1552 EDT:**AutoCites** Refreshed by TEN,DOCTOR @ 05 Sep 2003 1437 EDT**Problems**

No Problems Found.

Allergies

No Allergies Found.

Active Medications

No Active Medications Found.

Expired Medications

No Expired Medications Found.



PGUI Business/Mission Value



To exceed Dr. Winkenwerder's coding accuracy standards by:

- Improving data quality and coding compliance rates
- Increasing Relative Value Units (RVU's) - leading to Defense Health Program (DHP) resources allocations
- 100% availability of electronic medical record
- Support of outpatient itemized billing
- Improving coding compliance editor performance
- Uploading of PGUI-generated records into Clinical Data Repository upon CHCS II implementation
- Reducing CHCS II training requirement

What Happens if Nothing is Done?

- Reduction in accrual funds
- Incomplete patient counts for Next Generation of TRICARE Contracts
- Under-reporting for Output Driven Resource Allocation (ODRA)
- Liability in clinical quality (missing patient records)
- Missed third party collections



Provider GUI as a Resource Management Tool



- Provides an interface to CHCS ADM and serves as the provider-centric “front end” of the Coding Compliance Editor (CCE)
- Originally designed to improve capture of ADS data and enhance the quality of the data
 - Captures E&M codes
 - Captures and stores ADS data
- Expanded to support outpatient itemized billing
 - Supports provider order entry
 - Links order entry and CPT codes to diagnoses



PGUI Training



■ **Provider**

- Instructor-led provider training is 2.5 – 3.0 hours
- Appointment Time: increased to 30 minutes for 1 – 2 days after training to accommodate learning curve
- Over-the-Shoulder Support: block 30 - 60 minutes after instructor-led training for trainers to provide over-the-shoulder support at the providers' work stations

■ **Technician**

- Self-paced technician training offered in a proctored environment and lasts 1.5 – 2.0 hours
- Implementation assistance is available in the clinic



Computers and Printers



- Quantity of computers and laser printers is based on number of users
- Devices for Outpatient clinical areas only
 - Specific criteria for placement
- Centrally funded refresh cycle every 3 years
- Inpatient and administration areas FY05/06
- Site is responsible for furniture requirements